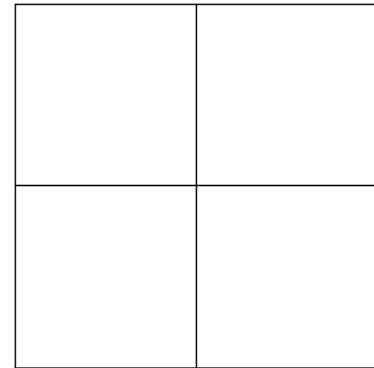


## DATA SHEET FOR FLOWMETER

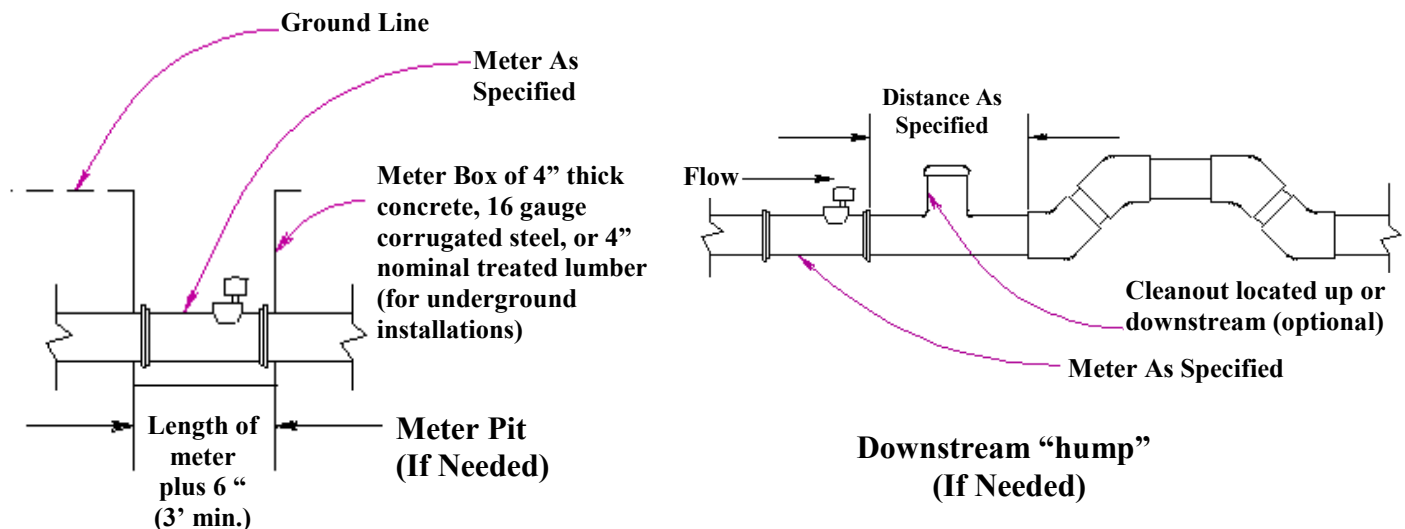
NRD \_\_\_\_\_ Field Office \_\_\_\_\_  
Cooperator \_\_\_\_\_  
Location \_\_\_\_\_  
Well Registration No. \_\_\_\_\_  
Water Source: Groundwater \_\_\_\_\_ Surface Water \_\_\_\_\_  
Unobstructed Straight Pipe Distance Upstream  
of Meter \_\_\_\_\_ Diameters  
Unobstructed Straight Pipe Distance Downstream  
of Meter \_\_\_\_\_ Diameters  
Full Pipe Flow Guaranteed: Yes \_\_\_\_\_ No \_\_\_\_\_  
Downstream "hump" needed: Yes \_\_\_\_\_ No \_\_\_\_\_  
Meter Pit Needed: Yes \_\_\_\_\_ No \_\_\_\_\_  
Straightening Vanes Needed: Yes \_\_\_\_\_ No \_\_\_\_\_  
Cleanout Required: Yes \_\_\_\_\_ No \_\_\_\_\_, Located  
Upstream \_\_\_\_\_ Downstream \_\_\_\_\_ of meter.



Location Map: \_\_\_\_\_ Sec. \_\_\_\_\_  
T \_\_\_\_\_ R \_\_\_\_\_

Requirements for straight pipe distance up and downstream of meter and the use of straightening vanes vary by meter type, manufacturer, and the type of upstream and downstream obstructions. These requirements **MUST BE OBTAINED AND APPROVED BY THE NRCS TECHNICIAN** before installation. If this data is **NOT AVAILABLE**, the required distance of straight unobstructed pipe is 10 diameters upstream and 2 diameters downstream (see exception for vortex meters below). The upstream distance is increased to 20 diameters if there is a valve or other device that creates jetting flow conditions. If straightening vanes are used, the upstream distance is reduced to 5 diameters behind bends and elbows, and 10 diameters behind jetting flow conditions. Unless other specified by the manufacturer vortex type meters require 5 diameters of straight unobstructed pipe downstream of the valve.

Meter Brand (or equal) \_\_\_\_\_ Model \_\_\_\_\_ Diameter \_\_\_\_\_ Serial No. \_\_\_\_\_  
Meter Type Propeller \_\_\_\_\_ Vortex \_\_\_\_\_ Other \_\_\_\_\_ (Specify)  
(Attach Construction Specification NE-209 Irrigation Flowmeter)  
(Sketch plan view and profile view (optional) on reverse side of form.)

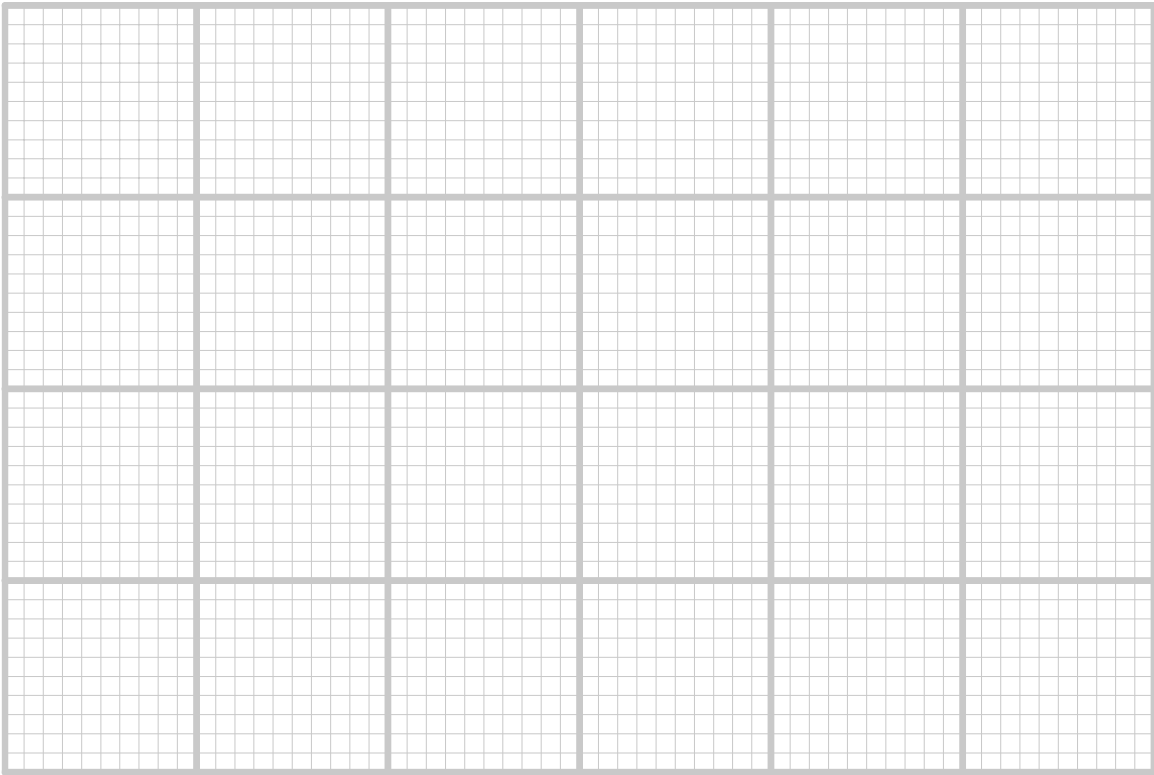


### Optional Meter Installation Details

Designed by \_\_\_\_\_ Date \_\_\_\_\_ Checked by \_\_\_\_\_ Date \_\_\_\_\_  
Approved by \_\_\_\_\_ Date \_\_\_\_\_  
Installation Certified by \_\_\_\_\_ Date \_\_\_\_\_

**PLAN VIEW**

**SCALE: 1" = \_\_\_\_\_ FEET**



**PROFILE VIEW (optional)**

**SCALE: 1" = \_\_\_\_\_ FEET**

